

10716855_QUAL.txt

5813002 72
5832182 72
5983224 72
6003029 72
6032146 72
6134555 72
6684177 72
6049861 72
6278997 72
4937747 61
5790121 61
5909540 61
6025843 61
6094646 61
6119128 61
6161109 61
6243094 61
6466946 61
6507669 61
6535819 61
6563952 61
6751621 61
5301323 60
5504678 60
5611049 60
5657223 60
5740036 60
5778393 60
5794244 60
5802520 60
5892914 60
5907696 60
6026452 60
6192495 60
6195631 60
6212292 60
6212292 60
6304266 60
6366952 60
6810405 60
6833970 60
6853997 60
5884320 59
6026399 59
6182058 59
6182070 59
6189005 59
6317752 59
6542894 59
6675164 59

PLUS Search Results for S/N 10716855, Searched March 18, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5813002
5832182
5983224
6003029
6032146
6134555
6684177
6049861
6278997
4937747
5790121
5909540
6025843
6094646
6119128
6161109
6243094
6466946
6507669
6535819
6563952
6751621
5301323
5504678
5611049
5657223
5740036
5778393
5794244
5802520
5892914
5907696
6026452
6192495
6195631
6212292
6212292
6304266
6366952
6810405
6833970
6853997
5884320
6026399
6182058
6182070
6189005
6317752
6542894
6675164

10716855_WEST.txt

(5813002 5832182 5983224 6003029 6032146 6134555 6684177 6049861 6278997 4937747
5790121 5909540 6025843 6094646 6119128 6161109 6243094 6466946 6507669 6535819
6563952 6751621 5301323 5504678 5611049 5657223 5740036 5778393 5794244 5802520
5892914 5907696 6026452 6192495 6195631 6212292 6212292 6304266 6366952 6810405
6833970 6853997 5884320 6026399 6182058 6182070 6189005 6317752 6542894 6675164).pn.

(5813002
5832182
5983224
6003029
6032146
6134555
6684177
6049861
6278997
4937747
5790121
5909540
6025843
6094646
6119128
6161109
6243094
6466946
6507669
6535819
6563952
6751621
5301323
5504678
5611049
5657223
5740036
5778393
5794244
5802520
5892914
5907696
6026452
6192495
6195631
6212292
6212292
6304266
6366952
6810405
6833970
6853997
5884320
6026399
6182058
6182070
6189005
6317752
6542894
6675164).pn.

above 1
 abstract 1
 accompanying 1
 accumulated 1
 accuracy 1
 accurate 1
 accurately 1
 addition 3
 addressed 1
 advantageous 1
 aid 1
 algorithm 6
 all 2
 also 1
 alternative 1
 alternatives 1
 although 1
 amount 1
 an 5
 analysis 1
 analyze 1
 and 46
 any 1
 appended 1
 application 2
 applications 3
 applies 1
 apply 1
 appreciate 1
 are 10
 art 2
 as 9
 associated 3
 atmospheric 1
 background 2
 based 1
 be 21
 being 2
 below 1
 beneficial 1
 benefits 1
 better 1
 between 1
 blindly 1
 brief 2
 broad 1
 business 2
 but 3
 by 7
 campaigns 1
 cases 4
 cedain 1
 chad 2
 characterizing 1
 ciently 1
 claims 5
 classification 4
 classify 5
 classifying 4
 cluster 2
 clustering 7
 collection 2
 companies 1

complicated 1
 component 1
 components 2
 comprising 1
 configured 2
 connection 4
 connections 1
 contrary 1
 controlled 1
 correlating 2
 couple 1
 couples 2
 cover 1
 curves 1
 customer 1
 customers 2
 data 16
 database 1
 databases 3
 datapoints 2
 dataset 18
 datasets 3
 defined 1
 demand 1
 dependent 1
 depict 1
 depicts 3
 describe 1
 described 1
 description 6
 design 2
 detail 2
 detailed 3
 determine 2
 determining 2
 develop 2
 device 2
 devices 1
 diagram 1
 differ 1
 different 6
 difficult 1
 direct 2
 directed 1
 directives 3
 disclosed 2
 disclosure 3
 discussed 1
 discussion 3
 distinguish 1
 document 1
 does 1
 domain 1
 drawings 5
 effective 1
 efficiently 1
 either 1
 electrical 3
 embodiment 3
 embodiments 7
 employed 1
 ended 1
 equivalents 1

ev 1
 example 3
 exemplal 1
 exemplary 2
 expectation 1
 express 1
 falling 1
 family 1
 fashion 1
 field 2
 fig 4
 figs 1
 first 1
 flow 2
 flowcharts 1
 following 4
 for 14
 forecasting 2
 form 1
 forms 1
 from 6
 fudher 1
 function 1
 functions 4
 future 1
 generally 2
 generate 2
 goals 1
 has 1
 having 1
 help 1
 herein 3
 however 1
 iabeled 1
 identifying 2
 if 1
 iimit 1
 iimited 2
 iimiting 1
 illustrates 1
 in 30
 incentive 1
 including 4
 incomplete 1
 increase 1
 increasing 1
 indirect 2
 information 2
 insu 1
 intend 1
 intended 3
 intention 1
 interpreted 2
 interpreting 2
 intimate 1
 into 1
 invention 6
 involve 1
 is 11
 it 3
 its 1
 label 1
 large 1

In 3
 Information 1
 made 1
 mail 1
 make 1
 making 4
 market 2
 marketipg 1
 may 19
 mean 2
 meant 1
 meteorology 1
 method 7
 methods 5
 mined 1
 mining 8
 mixture 1
 models 1
 modifications 2
 more 4
 multiple 1
 name 1
 names 1
 need 1
 new 2
 no 1
 nomenclature 1
 not 6
 notation 1
 now 2
 number 1
 obtained 1
 of 47
 offer 1
 offerings 1
 on 4
 one 3
 only 1
 open 1
 or 6
 other 2
 otherwise 2
 outlined 1
 padially 1
 padicular 5
 padicularly 1
 page 4
 parameters 4
 part 1
 particular 1
 particularly 1
 patterns 2
 plurality 5
 ppdicular 1
 predicting 4
 predictions 4
 preferred 1
 present 2
 presented 1
 problems 1
 process 6
 product 2
 production 1

proper 1
 provided 4
 purchase 1
 quick 1
 rather 1
 refer 3
 reference 1
 referred 1
 regression 4
 regressively 5
 relates 1
 relationships 1
 relatively 1
 respect 2
 sale 1
 sales 1
 schedules 1
 schematic 1
 scientific 1
 scope 3
 second 1
 segmentation 1
 segments 1
 should 3
 shown 1
 similarly 1
 skilled 2
 small 1
 some 4
 specific 1
 specifically 1
 specified 1
 spirit 1
 stored 1
 such 1
 suited 1
 summary 1
 survey 1
 susceptible 1
 system 7
 systems 5
 term 3
 terms 2
 than 1
 that 7
 the 61
 therefore 1
 thereof 1
 thereto 1
 these 1
 this 1
 through 3
 throughout 1
 thus 2
 to 35
 turning 1
 uncertainty 1
 understand 1
 understanding 1
 understood 1
 unless 1
 upon 1
 use 1

used 5
useful 2
values 5
variable 1
variables 1
variety 1
various 3
via 1
way 1
weather 1
well 2
when 2
which 12
while 1
will 5
with 7
within 4
would 2

10716855_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10716855 on March 18, 2005

Original Classifications

7 707/6
3 707/100
2 382/141
2 707/101
2 707/102
2 707/104.1
2 715/853

Cross-Reference Classifications

6 707/2
6 707/3
5 707/101
4 707/5
4 707/6
4 707/7
3 707/1
3 707/102
3 707/200
3 709/203
3 711/137
2 250/306
2 257/449
2 257/80
2 356/237.2
2 382/226
2 706/45
2 707/10
2 707/100
2 707/201
2 707/203
2 710/56
2 715/968

Combined Classifications

11 707/6
7 707/101
6 707/2
6 707/3
5 707/100
5 707/102
5 707/5
5 707/7
3 706/45
3 707/1
3 707/104.1
3 707/200
3 707/201
3 707/203
3 709/203
3 710/56
3 711/137
2 250/306
2 257/449
2 257/80
2 356/237.2
2 382/141
2 382/226
2 702/14

10716855_CLS.txt

2 707/10
2 707/205
2 709/219
2 715/853
2 715/968

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10716855 on March 18, 2005

11	707/6	(7 OR, 4 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/3	.Query processing (i.e., searching)
	707/6	..Pattern matching access
7	707/101	(2 OR, 5 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
	707/101	.Manipulating data structure (e.g., compression, compaction, compilation)
6	707/2	(0 OR, 6 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/2	.Access augmentation or optimizing
6	707/3	(0 OR, 6 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/3	.Query processing (i.e., searching)
5	707/100	(3 OR, 2 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
5	707/102	(2 OR, 3 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
	707/102	.Generating database or data structure (e.g., via user interface)
5	707/5	(1 OR, 4 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/3	.Query processing (i.e., searching)
	707/5	..Query augmenting and refining (e.g., inexact access)
5	707/7	(1 OR, 4 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/7	.Sorting
3	706/45	(1 OR, 2 XR)
	class 706 :	DATA PROCESSING: ARTIFICIAL INTELLIGENCE KNOWLEDGE PROCESSING SYSTEM
	706/45	
3	707/1	(0 OR, 3 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES

10716855_CLSTITLES.txt

707/1 DATABASE OR FILE ACCESSING

3 707/104.1 (2 OR, 1 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/100 DATABASE SCHEMA OR DATA STRUCTURE
 707/104.1 .Application of database or data structure
 (e.g., distributed, multimedia, image)

3 707/200 (0 OR, 3 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/200 FILE OR DATABASE MAINTENANCE

3 707/201 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/200 FILE OR DATABASE MAINTENANCE
 707/201 .Coherency (e.g., same view to multiple users)

3 707/203 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/200 FILE OR DATABASE MAINTENANCE
 707/201 .Coherency (e.g., same view to multiple users)
 707/203 ..Version management

3 709/203 (0 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
 709/201 DISTRIBUTED DATA PROCESSING
 709/203 .Client/server

3 710/56 (1 OR, 2 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/1 INPUT/OUTPUT DATA PROCESSING
 710/52 .Input/Output data buffering
 710/56 ..Buffer space allocation or deallocation

3 711/137 (0 OR, 3 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/137 ...Look-ahead

2 250/306 (0 OR, 2 XR)
 Class 250 : RADIANT ENERGY
 250/306 INSPECTION OF SOLIDS OR LIQUIDS BY CHARGED
 PARTICLES

2 257/449 (0 OR, 2 XR)
 Class 257 : ACTIVE SOLID-STATE DEVICES
 257/414 RESPONSIVE TO NON-ELECTRICAL SIGNAL (E.G.,
 CHEMICAL, STRESS, LIGHT, OR MAGNETIC FIELD SENSORS)
 257/428 .Electromagnetic or particle radiation
 257/431 ..Light
 257/449 ...Schottky barrier (e.g., a transparent
 Schottky metallic layer or a Schottky barrier containing

at

least one of indium or tin (e.g., SnO₂; indium tin oxide))

- 2 257/80 (0 OR, 2 XR)
 Class 257 : ACTIVE SOLID-STATE DEVICES
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE
 257/80 .In combination with or also constituting light responsive device

- 2 356/237.2 (0 OR, 2 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/237.1 INSPECTION OF FLAWS OR IMPURITIES
 356/237.2 .Surface condition

- 2 382/141 (2 OR, 0 XR)
 Class 382 : IMAGE ANALYSIS
 382/100 APPLICATIONS
 382/141 .Manufacturing or product inspection

- 2 382/226 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/181 PATTERN RECOGNITION
 382/224 .Classification
 382/226 ..Sequential decision process (e.g., decision tree structure)

- 2 702/14 (1 OR, 1 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/2 .Earth science
 702/14 ..Seismology

- 2 707/10 (0 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
 707/1 DATABASE OR FILE ACCESSING
 707/10 .Distributed or remote access

- 2 707/205 (1 OR, 1 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
 707/200 FILE OR DATABASE MAINTENANCE
 707/205 .File allocation

- 2 709/219 (1 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
 709/217 REMOTE DATA ACCESSING
 709/219 .Accessing a remote server

- 2 715/853 (2 OR, 0 XR)
 Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT
 715/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
 715/764 .On-screen workspace or object
 715/853 ..Hierarchy or network structure

- 2 715/968 (0 OR, 2 XR)
 Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT

10716855_CLSTITLES.txt
715/961 OPERATOR INTERFACE WITH VISUAL STRUCTURE OR
FUNCTION DICTATED BY INTENDED USE
715/965 .For process control and configuration
715/966 ..Computer process (e.g., operation of
computer)
715/968 ...Interface for database querying and
retrieval